

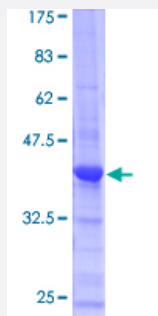
Full-Length

## PPIL1 (Human) Recombinant Protein (P01)

Catalog # H00051645-P01

Size 25 ug, 10 ug

### Applications



### Specification

Product Description	Human PPIL1 full-length ORF ( AAH03048, 1 a.a. - 166 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAAIPDWSQPPNVYLETSMGIVLELYWKHAPKTCKNFAELARRGYNGTKFHRIKDFMIQGGDP TGTGRGGASIYGKQFEDELHPDLKFTGAGILAMANAGPDTNGSQFFVTLAPTQWLDGKHTIFGRV CQGIGMVNRVGMVETNSQDRPVDDVKIKAYPSG
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	43.89
Interspecies Antigen Sequence	Mouse (98); Rat (98)
Preparation Method	<a href="#">in vitro wheat germ expression system</a>
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

## Note

Best use within three months from the date of receipt of this protein.

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — PPIL1

Entrez GeneID [51645](#)

GeneBank Accession# [BC003048.1](#)

Protein Accession# [AAH03048](#)

Gene Name PPIL1

Gene Alias CGI-124, CYPL1, MGC678, PPlase, hCyPX

Gene Description peptidylprolyl isomerase (cyclophilin)-like 1

Omim ID [601301](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene is a member of the cyclophilin family of peptidylprolyl isomerases (PPlases). The cyclophilins are a highly conserved, ubiquitous family, members of which play an important role in protein folding, immunosuppression by cyclosporin A, and infection of HIV-1 virions. Based on similarity to other PPlases, this protein could accelerate the folding of proteins and might catalyze the cis-trans isomerization of proline imidic peptide bonds in oligopeptides. [provided by RefSeq]

**Other Designations** OTTHUMP00000016310|cyclophilin-related gene 1|peptidyl-prolyl cis-trans isomerase|peptidylprolyl isomerase-like 1|rotamase